Special thanks to the following people who served on the Projections Panel. This panel used their expertise to provide employment projections in 40 key industries.

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Information is derived using the 2004 OES Survey, 2004 QCEW and 2004 CES (3/04 Benchmark) data. Unpublished data from the US Bureau of Labor Statistics and US Census Bureau was also used. To the extent possible, the projections take into account anticipated changes in Wisconsin's economy during 2005 and 2006. It is important to note that unanticipated events may affect the accuracy of these projections.

Source: DWD, Office of Economic Advisors, WI Projections 2004-2006, July 2005

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#### Wisconsin Projections 2004-2006

What are the top occupations in Wisconsin with above average wages? How many jobs will be available in those occupations? What kind of education or training is needed? Look inside for the best job prospects through 2006.



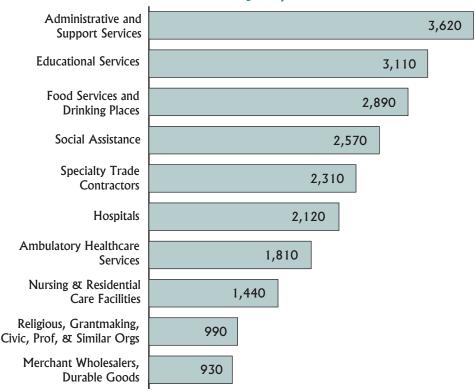
Department of Workforce Development Office of Economic Advisors http://dwd.wisconsin.gov/oea

OEA - 12763 - P (R. 08/2005)

# Where to start looking

The ten industries in the chart below have the greatest number of expected new jobs in 2006.

## Estimated New Jobs, 2006



### For more information:

Wisconsin DWD Office of Economic Advisors: Our own site with information on jobs and the economy, at the local, regional, or state level: <a href="http://dwd.wisconsin.gov/oea">http://dwd.wisconsin.gov/oea</a>

**Wisconsin's WORKNet:** Wisconsin's Workforce and Labor Market Information System: <a href="http://worknet.wisconsin.gov/">http://worknet.wisconsin.gov/</a>

Wisconsin's Job Net: Search for jobs in Wisconsin, or find the nearest Job Center: <a href="http://dwd.wisconsin.gov/jobnet/mapWI.htm">http://dwd.wisconsin.gov/jobnet/mapWI.htm</a>

CareerOneStop: Information on specific occupations, plus a chance to search job openings and post a resume: <a href="http://www.careeronestop.org/">http://www.careeronestop.org/</a>

Occupational Outlook Handbook, 2004-2005: Find career information by occupation: <a href="http://stats.bls.gov/oco/home.htm">http://stats.bls.gov/oco/home.htm</a>

# This list contains the three occupations with the most openings for each industry shown.

Administrative and Support Services (Temp Help, Travel Agencies, Landscaping Services, etc.)

Janitors and Cleaners, Except Maids and Housekeeping Cleaners

Laborers and Freight, Stock, and Material Movers, Hand

Landscaping and Groundskeeping Workers

#### Educational Services (Schools, Colleges, Computer Training, Technical & Trade Schools, etc.)

Elementary School Teachers, Except Special Education

Secondary School Teachers, Except Special and Vocational Education

Teacher Assistants

#### Food Services and Drinking Places (Restaurants, Taverns, Cafes, Cafeterias, Caterers, etc.)

Waiters and Waitresses

Combined Food Preparation and Serving Workers, Including Fast Food

Bartenders

#### Social Assistance (Day Care, Vocational Rehabilitation, Food Banks, Soup Kitchens, etc.)

Personal and Home Care Aides

Child Care Workers

Preschool Teachers, Except Special Education

#### Specialty Trade Contractors (Roofing, Siding, Electrical, Plumbing, Masonry, etc.)

Electricians

Carpenters

Plumbers, Pipefitters, and Steamfitters

#### Hospitals (General, Psychiatric, Substance Abuse, and other Specialty Hospitals)

Registered Nurses

Nursing Aides, Orderlies, and Attendants

Licensed Practical and Licensed Vocational Nurses

#### Ambulatory Health Care Services (Doctor's Offices, Dentists, Medical Laboratories, etc.)

Registered Nurses

Receptionists and Information Clerks

Dental Assistants

#### Nursing and Residential Care Facilities (Nursing Care, Mental Health Facilities, etc.)

Nursing Aides, Orderlies, and Attendants

Home Health Aides

Personal and Home Care Aides

#### Religious, Grantmaking, Civic, Professional, and Similar Organizations (Political

#### Organizations, Labor Unions, Business Associations, Civic and Social Organizations, etc.)

Clergy

Secretaries, Except Legal, Medical, and Executive

Janitors and Cleaners, Except Maids and Housekeeping Cleaners

#### Merchant Wholesalers, Durable Goods (Wholesale of goods that last three or more years)

Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products

Laborers and Freight, Stock, and Material Movers, Hand

Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products

## Look inside for more details on occupations...

# Top Wisconsin Occupations with Above Average Wages, 2006 Outlook

This table lists occupations with above average wages and the most annual openings.

The occupations are broken down by the typical education and training path<sup>(1)</sup> taken to enter the given occupation. See notes on next page.

# Beyond a Bachelor's Degree (includes a professional, doctoral, or master's degree;

(includes a professional, doctoral, or master's degree; or a minimum of a bachelor's degree plus work experience)

## Associate Degree

	Annual	Middle Wage		Annual	Middle Wage
Occupational Title	Openings <sup>(2)</sup>	Range <sup>(3)</sup>	Occupational Title	Openings <sup>(2)</sup>	Range <sup>(3)</sup>
General and Operations Managers	800	\$ 25.98 - 57.50	Computer Support Specialists	230	\$ 14.73 - 21.61
Clergy	390	17.03 - 21.40	Radiologic Technologists and Technicians	150	18.09 - 24.43
Health Specialties Teachers, Postsecondary	250	101,680(3)	Electrical and Electronic Engineering Technicians	120	16.78 - 24.38
Child, Family, and School Social Workers	210	13.98 - 22.14	Dental Hygienists	120	23.65 - 27.39
Sales Managers	210	28.40 - 55.05	Respiratory Therapists	100	18.92 - 24.48
Market Research Analysts	190	19.43 - 35.49	Paralegals and Legal Assistants	60	14.12 - 20.98
Medical and Health Services Managers	190	26.09 - 41.21	Physical Therapist Assistants	50	15.07 - 19.87
Computer and Information Systems Managers	180	34.21 - 51.20	Industrial Engineering Technicians	50	16.41 - 24.69
Pharmacists	170	38.39 - 49.60	Chemical Technicians	40	14.25 - 21.03
Lawyers	160	30.09 - 57.13	Cardiovascular Technologists and Technicians	40	14.32 - 24.59

## **Bachelor's Degree**

## Postsecondary Vocational Training

	Annual	Middle Wage		Annual	Middle Wage
Occupational Title	Openings <sup>(2)</sup>	Range <sup>(3)</sup>	Occupational Title	Openings <sup>(2)</sup>	Range <sup>(3)</sup>
Registered Nurses <sup>(4)</sup>	1,980	\$ 21.56 - 28.44	Licensed Practical and Licensed Vocational Nurses	360	\$ 14.90 - 19.41
Secondary School Teachers, Ex Special & Vocational Education	940	44,070(3)	Bus and Truck Mechanics and Diesel Engine Specialists	210	13.91 - 20.07
Elementary School Teachers, Except Special Education	850	42,920(3)	Mechanical Drafters	110	15.98 - 23.17
Accountants and Auditors	630	19.96 - 31.32	Legal Secretaries	90	14.75 - 20.24
Computer Systems Analysts	440	25.26 - 42.16	Surgical Technologists	90	15.76 - 20.94
Middle School Teachers, Ex Special and Vocational Education	380	42,560(3)	Appraisers and Assessors of Real Estate	70	10.18 - 26.48
Computer Software Engineers, Applications	280	25.70 - 37.03	Mobile Heavy Equipment Mechanics, Except Engines	60	16.66 - 21.70
Purchasing Agents, Except Wholesale, Retail, & Farm Products	260	17.67 - 27.56	Telecom Equipment Installers & Repairers, Ex Line Installers	60	18.39 - 25.87
Insurance Sales Agents	250	14.20 - 32.89	Real Estate Sales Agents	60	14.31 - 31.10
Mechanical Engineers	240	24.37 - 34.75	Electrical & Electronics Repairers, Comm & Indust Equipment	50	17.02 - 22.99

# Top Wisconsin Occupations with Above Average Wages, 2006 Outlook (cont'd)

# Job Experience in a Related Occupation (requires skills and experience gained from other jobs)

# Moderate-Term On-the-Job Training (one to twelve months)

Annual Middle Wage

1,710 \$ 14.06 - 20.80 17.66 - 32.77 20.41 - 39.33 320 17.24 - 25.33 15.08 - 23.54 250 14.25 - 25.30 14.43 - 20.11 14.45 - 19.35 15.93 - 24.89 13.72 - 23.41

Range<sup>(3)</sup>

Occupational Title	Annual Openings <sup>(2)</sup>	Middle Wage Range <sup>(3)</sup>	Occupational Title	Annual Openings <sup>(2)</sup>
First-Line Supr/Mngrs of Production and Operating Workers	700	\$ 17.57 - 27.38	Truck Drivers, Heavy and Tractor-Trailer	1,710 \$
First-Line Supr/Mngrs of Office & Admin Support Workers	550	15.60 - 25.04	Sales Reps, Wholesale & Mfg, Ex Technical & Scientific Products	1,390
First-Line Supr/Mngrs of Retail Sales Workers	500	12.38 - 20.75	Sales Reps, Wholesale & Mfg, Technical and Scientific Products	330
First-Line Supr/Mngrs of Const Trades/Extraction Wrkrs	410	21.64 - 32.55	Operating Engineers & Other Const Equipment Operators	320
First-Line Supr/Mngrs of Mechanics, Installers, and Repairers	300	19.77 - 29.89	Cement Masons and Concrete Finishers	250
First-Line Supr/Mngrs of Non-Retail Sales Workers	200	22.24 - 42.32	Sheet Metal Workers	250
First-Line Supr/Mngrs of Transp & Material-Moving Operators	170	16.44 - 27.38	Paper Goods Machine Setters, Operators, and Tenders	160
Vocational Education Teachers, Postsecondary	160	16.28 - 30.62	Structural Metal Fabricators and Fitters	100
Food Service Managers	130	13.86 - 22.76	Drywall and Ceiling Tile Installers	100
First-Line Supr/Mngrs of Helpers/Laborers/Material Movers	130	15.41 - 24.53	Carpet Installers	80

# Long-Term On-the-Job Training

(one year or more)		
	Annual	Middle
	Openings <sup>(2)</sup>	R.

Occupational Title	Annual Openings <sup>(2)</sup>	Middle Wage Range <sup>(3)</sup>
Carpenters	1,090	\$ 14.37 - 23.60
Electricians	640	17.98 - 25.74
Plumbers, Pipefitters, and Steamfitters	480	17.26 - 28.72
Machinists	450	13.78 - 20.49
Police and Sheriff's Patrol Officers	420	18.61 - 25.06
Heating, A/C, and Refrigeration Mechanics & Installers	250	12.79 - 21.16
Industrial Machinery Mechanics	200	16.73 - 22.90
Tool and Die Makers	120	18.14 - 25.06
Claims Adjusters, Examiners, and Investigators	110	15.09 - 25.65
Brickmasons and Blockmasons	110	19.98 - 27.62

# Short-Term On-the-Job Training

(one month or less)

,	Annual	Middle Wage
Occupational Title	Openings <sup>(2)</sup>	Range <sup>(3)</sup>
Production, Planning, and Expediting Clerks	320	\$ 14.03 - 21.26
Postal Service Mail Carriers	200	16.92 - 24.12
Postal Service Mail Sorters, Processors,		
and Processing Machine Operators	110	17.45 - 20.62
Engine and Other Machine Assemblers	50	14.55 - 20.89
Postal Service Clerks	30	18.30 - 21.37

#### Notes:

- (1) Typical Education and Training Path gives a general indication of the education or training typically needed in the occupation. There may be other pathways into the occupation, as well as additional educational, training, or licensing requirements.
- (2) Annual Openings are an estimate of the number of newly created jobs plus openings due to people permanently leaving an occupation. Job openings resulting from people changing employers, but staying in the same occupation are not included. Openings are rounded to the nearest ten.
- (3) The Middle Wage Range represents the middle 50% of the workers in the occupation. The lower number represents an expected starting wage, while the upper number represents the wage of a tenured worker. When the middle wage range is not available, the average annual salary is shown when possible.
- (4) Depending upon the specific employer and position, an associate degree may also be acceptable for this occupation.